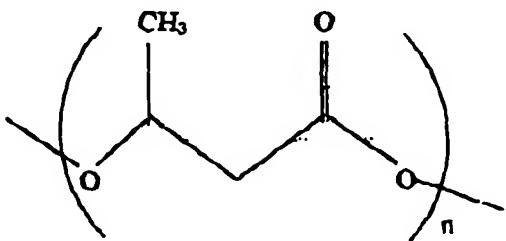


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**ABSTRACT**

The present invention describes a process for the isolation of polyhydroxybutyrate of the formula 1

**formula 1**

by growing a culture of *Bacillus mycoides* RLJ B-017 in a growth medium and a carbon source selected from sucrose, molasses and pineapple waste.